

7401-447

12/24/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 24, 2013

Dr. Madhu Mandava
Agent for Voluntary Purchasing Groups, Inc.
Mandava Associates, LLC
6860 N Dallas Parkway, Suite 200
Plano, Texas 75034

**Subject: Amended Reregistration Label Hi- Yield® Garden, Pet & Livestock Dust
D413145
EPA Registration No.7401-447**

Dear Mr. Rose:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the referenced product in connection with the Permethrin **RED**, and has concluded that your submission is acceptable.

PLEASE NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

PLEASE NOTE: That the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSF's are superseded.

- Basic CSF, dated: March 14, 2012

A copy of your label stamped Acceptable is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Linda A. DeLuise at (703) 305-5428 or via e-mail at deluise.linda@epa.gov or Mr. Richard J. Gebken at (703) 305-6701 or via e-mail at Gebken.Richard@epa.gov.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Richard Gebken".

Richard Gebken
Product Manager 10
Insecticide Branch
Registration Division (7505P)

Enclosure: Label stamped Accepted dated: December 24, 2013

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Label Update for Reregistration
December 16, 2013

[FRONT LABEL PANEL]

Hi-Yield® Garden, Pet & Livestock Dust

- For Use On Fruit & Nut Trees
- For Use On Home Ornamental & Vegetable Gardens
- Use On Dogs & Cats To Control Fleas, Ticks & Lice
- Effectively Controls Aphids, Armyworms, Japanese Beetles, Leafminers, Mealybugs, Scale Crawlers, Thrips, Spider Mites, Mealybugs, Bagworms, Whiteflies and Others on Ornamentals
- Effectively Controls Cutworms, Japanese Beetles, Aphids, Squash Bugs, Armyworms and Others On Fruits and Vegetables
- A Broad-Use, Ready-To-Use Insecticide
- For Use On Vegetables & Ornamental Plants
- Low Odor
- Provides Effective Residual Activity
- For Use On Domestic Livestock

ACCEPTED
DEC 24 2013

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7401-447

ACTIVE INGREDIENTS:

*Permethrin: (3-phenoxyphenyl) methyl (+/-) *cis/trans* 3-(2,2-dichloroethyl) 2,2-dimethyl cyclopropanecarboxylate 0.25%

OTHER INGREDIENTS: 99.75%

TOTAL: 100.00%

**Cis/trans* ratio: Max. 65% (+/-) *trans* and min. 35% (+/-) *cis*.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See (back/side) panel for additional precautionary statements

Read Entire Label Before Use

FIRST AID	
IF INHALED:	Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
IF IN EYES	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue to rinse eye. Call a poison control center or doctor for further treatment advice.
Have product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact ChemTel, Inc. North America 1-800-255-3924 or Worldwide Intl. +01-813-248-0585 for emergency medical treatment information.	

NET WEIGHT _____ LBS.

[BACK PANEL]

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

CAUTION: Harmful if inhaled. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing dust. Avoid contact with eyes and clothing. Wear long sleeved shirt, long pants, shoes and socks.

User Safety Recommendations:

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on plants grown for sale or other commercial or for commercial seed production or research purposes.

Application Restrictions;

Except when applying to pets or livestock, do not apply this product so that it will contact adults, children, or pets, either directly or through drift. Remove pets, birds, and cover fish aquariums before use.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

Do not water the treated area to the point of run-off.

Do not make applications during rain.

Ornamental Plants - Indoors:

Use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster available.

To protect plants in indoor landscaping - Apply directly on insects to control leafrollers, armyworms, cutworms and cabbageworms on chrysanthemums and fungus gnats on velvet plant.

Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust to control aphids, armyworms, corn earworms, fall cankerworms, inchworms, Japanese Beetles, leafminers, leafrollers, mealybugs, scale crawlers, spring cankerworms, and exposed thrips on the following plants:

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Ageratum	Coleus	Lily	Prayer Plant
Ardisia	Crown of thorns	Marigold	Purple passion
Aster	Dracaena	Palm	Rabbits foot fern
Azalea	Dumbcane	Pansy	Rose
Baby's breathe	English ivy	Petunia	Schefflera
Begonia	Fuschia	Philodendron	Snake plant
Birds-nest fern	Gladiolus	Piggy-Back plant	Snapdragon
Bleeding heart	Grape ivy	Piperomia	Statice
Carnation	Hypoestes	Poinsettia	Velvet plant
Chrysanthemum	Ivy	Portulaca	Verbena
Cockscomb	Juniper	Pothos	Zinnia

If application is made indoors, remove infested plants from living area prior to application. Dust plants in an area not likely to be occupied by children or pets (particularly fish). When dust settles plants can be returned to original location.

Use with care on ferns, palms and fuschia. As with all plants listed above, especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars, and therefore, a wide variety of susceptibility to injury. To ascertain possible phytotoxicity, dust a few plants as described above, wait 24 hours and check for possible injury.

Repeat applications may be necessary to control adult Japanese beetles on roses.

Ornamental Plants - Outdoors:

Use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster available. Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust. Apply when air is calm to avoid drift and contact with eyes and skin. Start applying at the farthest corner of the treatment area and work backward to avoid contact with dusted surfaces. Allow dust to settle in treated areas before reentering. Contact insects directly whenever possible. Repeat treatment as needed.

Controls aphids, cicadas, corn earworms, fall cankerworms, fall webworms, inchworms, Japanese beetles (adults), leafminers, leafrollers, mealybugs, bagworms, spider mites, whiteflies and exposed thrips on the following plants:

Ageratum	Crassula	Hypoestes	Philodendron
African violets	Dahlias	Ivy	Poinsettia
Arizona Cypress	Delphinium	Laurel	Rhododendron
Aster	Dogwood	Lilac	Rose
Azalea	English Ivy	Marigold	Snapdragon
Begonia	Euonymous	Mock Orange	Stocks
Camellias	Exacum	Nannyberry	Taxus
Carnations	Fuchsia	Orchid	Wandering Jew
Chrysanthemum	Geranium	Palm	Wax Plant
Coleus	Gladiolus	Pansy	Weeping fig
Common Ninebark	Gold Bells	Pea Shrub	Zinnia
Common Snowberry	Grape Vines (ornamental)	Petunia	

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Home Fruit & Vegetable Gardens:

Use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster available. Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust. Apply when air is calm to avoid drift and contact with eyes and skin. Start applying at the farthest corner of the treatment area and work backward to avoid contact with dusted surfaces. Allow dust to settle in treated areas before reentering.

FRUITS & VEGETABLES	TARGET PESTS	REMARKS
Apples	apple aphid, redbanded leafroller, obliquebanded leafroller, plum curculio, white apple leafroller, spotted tentiform leafminer, tarnished plant bug	Dust lightly. Do not apply after petal fall.
Asparagus (pre harvest)	cutworms, asparagus beetle	Apply to plants as needed to ensure uniform coverage. Do not make more than 4 applications per season. Can be applied up to 3 days prior to harvest.
Asparagus (post- harvest)	larval stages of asparagus beetle; tarnished plant bug; lygus bugs and adult Japanese beetles	Treat fern or bush growth after spear harvest when insects are present.
Celery - see leafy vegetables		
Cole Crops: Broccoli, Brussels Sprouts, Cabbage, Cauliflower	beet armyworm; diamond back moth; imported cabbageworm; cabbage aphid, cabbage looper	Apply every 5 days. Can be applied up to one day prior to harvest. Do not make more than 10 applications on cabbage and 8 applications on the other cole crops per season.
Corn - see sweet corn		
Cucurbits: Balsam pear (bitter melon), Chinese waxgourd (Chinese preserving melon). Citrus melon. Cucumber. Gherkin. Edible gourds. Melons including hybrids such as cantaloupe, casaba, Crenshaw, honeydew, honey balls, mango melon, muskmelon, and Persian melon, pumpkin, summer & winter squash. Watermelon	aphids, cabbage looper, cucumber beetle (adults), cutworms, leafhoppers, leafminers, melonworm, pickleworm, plant bugs, squash bugs	Apply to plants as needed to uniform coverage. Do not make more than 8 applications per crop season. Can be applied up to the day of harvest.

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FRUITS & VEGETABLES	TARGET PESTS	REMARKS
Eggplant	Colorado potato beetle, vegetable leaf miner	Apply to plants as needed to uniform coverage. Do not make more than 16 applications per season. Can be applied up to 3 days prior to harvest.
Horseradish	imported crucifer weevil	Apply as needed. Do not make more than 3 foliar applications per season. Can be applied up to 22 days prior to harvest.
Leafy Vegetables: amaranth, arrugula, celery, celtuce, chervil, corn salad, chrysanthemum (edible-leaved and garland), cress (garden and upland), dandelion, dock, endive, fennel, lettuce (head and leaf), orach, parsley, purslane (garden and winter), rhubarb, spinach. Swiss chard.	alfalfa looper, aphids, beet armyworm, cabbage looper, com earworm, cutworms, European corn borer, fall armyworm, green cloverworm, southern armyworm, tobacco budworm, vegetable leaf miner	Apply every 5 to 10 days as needed. Do not make more than 7 applications per crop per season. Can be applied up to 1 day prior to harvest.
Melons - see Cucurbits		
Onions (Dry bulb and Garlic)	onion thrips, armyworm, cutworm, leafminer, onion maggot (adult), stink bug	Dust lightly. Apply up to 6 times per season. Can be applied up to day prior to harvest.
Peaches	peach twig borer, Oriental fruit moth, green fruitworm, lesser peachtree borer, plum curculio, tarnished plant bug	Dust lightly. Apply up to 5 times per season. Can be applied up to 14 days prior to harvest.
Potatoes	beet armyworm, Colorado potato beetle, potato beetle, potato leafhopper, potato aphid, potato tuberworm, cabbage looper, cutworms, European corn borer, potato psyllid, tarnished plant bug	Apply to plants as needed. Do not make more than 12 applications per season. Can be applied up to 7 days prior to harvest.
Peppers	vegetable leafminer, cabbage looper, flea beetle, corn earworm, pepper weevil, European corn borer	Apply to plants as needed. Do not make more than 8 applications per season. Can be applied up to 3 days prior to harvest.
Strawberries	meadow spittlebugs, leafrollers	Apply to plants as needed to uniform coverage. Can be applied up to 1 day prior to harvest.

FRUITS & VEGETABLES	TARGET PESTS	REMARKS
Sweet Corn	corn earworms, European corn borers, fall armyworms, southern armyworms	Apply to plants every 5 days. Do not make more than 6 applications per season. Can be applied up to 1 day prior to harvest.
Tomatoes (Do not apply on cherry tomatoes and varieties yielding tomatoes less than one inch in diameter)	beet and southern armyworms, tomato pinworms, tomato fruitworms, hornworms, granulate cutworms, Colorado potato beetles, cabbage loopers	Apply to plants when needed for uniform coverage. Do not make more than 6 applications per season. Can be applied up to day of harvest.
Walnuts	navel orangeworm, codling moth, walnut husk fly	Dust lightly. Apply up to 8 times per season. Can be applied up to 1 day prior to harvest.

DOGS & CATS

USE ONLY ON DOGS OR CATS. Consult a veterinarian before using this product on debilitated, aged, pregnant, nursing, or medicated animals.

To control (kill) fleas, ticks and lice: Use product only outside or in a well-ventilated area. Wearing household latex or rubber gloves, dust entire animal avoiding pet's eyes, nose, mouth and genital areas. Rub or brush pet's hair to work dust down to the skin. Use 1A oz. on animals 20 pounds and under and 1 oz. on pets over 20 pounds. Repeat every three weeks. This product should not be applied by children. Do not use on pregnant animals. Do not use on puppies or kittens under 12 weeks of age. Dust pet bedding and doghouse using a shaker can or other dust applicator.

BEEF AND DAIRY CATTLE, HORSES, SWINE AND POULTRY

Can be used in dust bags, shaker can and mechanical dust applicator.

Horn Flies, Lice, Face Flies: Place contents of this package in any commercially available dust bag, suspend bag in areas frequented by cattle or in gateways or lanes through which the animals must pass daily for water, feed or minerals. Bags may also be placed in loafing sheds or in front of mineral feeders. For dairy cows, bags may be suspended in the exit through which the cows leave the milking barn. The bags should hang 4 to 6 inches below the back line of the cattle. For reduction of Face Flies, bags must be located so animals will be forced to use them daily and hung at a height so that the face is dusted.

Horn Flies, Lice Direct Application: Apply 2 oz. of dust per animal by shaker can over the head, neck, shoulders and back and tailhead. Repeat as necessary.

Horses: Dust horse for horn flies with shaker can or dust glove along back, neck and legs.

Swine: Lice on Swine Direct Application: Apply only 1 oz. per head as a uniform coat to the head, shoulder and back by use of a shaker can or suitable mechanical dust applicator. Repeat as necessary, but not more often than once every 10 days. In severe infestation, both animals the bedding may be treated. Do not ship animals for slaughter with 5 days of treatment.

Poultry: To control Northern Fowl Mites, apply at a rate of 1 lb. per 100 birds. Ensure thorough treatment of vent area.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Store in original container. Keep in an area inaccessible to children and pets.

PESTICIDE DISPOSAL: If empty: Non-refillable container. Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY: To the extent consistent with applicable law, buyer assumes all risks of use, storage, or handling of this product not in accordance with directions. Buyer and user assume all risk of use and handling of this material when such use and handling are contrary to label instructions. To the extent consistent with applicable law, any damage arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss or profit or values.

Manufactured BY:
VPG
Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, TX. 75418

EPA Reg. No. 7401-447

EPA Est. No. 7401-TX-01

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